

Mezhrespublikanskoye koordinatsionnoye
soveshchaniye (Interrepublican Coordination
Conference) of Scientists of Transcaucasia

S/030/60/000/06/11/043
B004/B008

The versatile agriculture of Transcaucasia requires investigations regarding the mechanization of mountain agriculture, stock farming, and the agronomy of perennial plantations, study of heredity, cultivation of seeds, the control of parasites. Physicians of Transcaucasia will deal with local pathology (dysentery, helminthiasis, leishmaniosis, malaria), with the spas in Transcaucasia, working hygiene, industrial and agricultural profession diseases, as well as the application of new medical preparations. The problems of geratology too are to be dealt with jointly. ✓

Card 3/3

VOLOBUYEV, V.R.

General characteristics of changes in the salt resources
of soils in irrigated and reclaimed lands. Pochvovedanie
no.5:47-56 My '64. (MIRA 17:9)

1. Institut pochvovedniya i agrokhimii Akademii nauk
Azerbaydzhanskoy SSR.

VOLOBUYEV, Vladimir Rodionovich; SALAYEV, M.E., red.

[Genetic forms of salinized soils in the Kura-Aras Low-land] Geneticheskie formy zasoleniia pochv Kura-Araksinskoj nizmennosti. Baku, Izd-vo AN Azerbaidzh.SSR, 1965. 247 p.

(MIRA 18:11)

VOLOBUYEV, V.R.

Studying the salt loss from soils by the leaching of monoliths.
Dokl. AN Azerb. SSR 21 no.5:62-66 '65. (MIRA 18-9)

1. Institut pochvovedeniya i agrokhimii AN AzerSSR.

VOLOBUYEV, V.R.

Using graphic method for studying the composition of humus
in the main soil types of the U.S.S.R. Pochvovedenie no.1:
3-6 Ja '62. (MIRA 17:1)

1. Institut pochvovedeniya i agrokhimii AN AzSSR.

VOLOBUYEV, Vladimir Rodionovich; SALAYEV, M.E., red.; BUYANOVSKIY, G.,
red. izd-va; DZHAFAROV, Kh., tekhn. red.

[Soil ecology] Ekologiya pochvy; ocherki. Baku, Izd-vo AN
Azerbaidzhanskoi SSR, 1963. 259 p. (MIRA 17:1)

VOLOBUYEV, V.R. (Baku)

"Hydrothermal Zonation in Its Energetic Aspect"

Report presented at the 3rd Conference on the use of Mathematics in Biology,
Leningrad University, 23-28 Jan. 1961.

(Primeneniye matematicheskikh Metodov v Biologii. II, Leningrad, 1963 pp 5-11)

ALIKHANOV, E.N.; ARUSHANOV, N.A.; AKHUNDOV, V.Yu.; ALIZADE, M.A.; AZIZBEYOV, Sh.A.; BAGIROV, M.A.; VEZIROV, S.A.; VOLOBUYEV, V.R.; VEKILOV, F.M.; GADZHIYEV, N.M.; GUSEYNOV, D.M.; GUSEYNOV, I.A.; DADASHEV, K.K.; DADASHZADE, M.A.; DALIN, M.A.; ISKENDEROV, M.A.; KAZIYEV, M.A.; KARAYEV, A.I.; KASHKAY, M.S.; KEL'DYSH, M.V.; KERIMOV, A.G.; LEMBERANSKIY, A.D.; MAMEDOV, G.K.; MEKHTIYEV, M.R.; MIRZOYEV, S.A.; NAGIYEV, M.F.; NASRULLAYEV, N.I.; OGUDZHEV, A.K.; RADZHABOV, R.A.; RUDNEV, K.N.; SADYKHOV, R.N.; SEMENOV, N.N.; TOPCHIEV, A.V.; TOPCHIBASHEV, M.A.; TAIROVA, T.A.; KHALILOV, Z.I.; EFENDIYEV, G.Kh.; SHUKYUROVA, Z.Z.

IUsif Geidarovich Mamedaliev. Azerb.khim.zhur. no.6:5-6 '61.

(MIRA 15:5)

(Mamedaliev, IUsif Geidarovich, 1905-1961)

VOLOBUYEV, V.R.

Change in the silica, alumina, and iron content of soils in connection with hydrothermal conditions. Pochvovedenie no.5: 73-82 My '62. (MIRA 15:6)

1. Institut pochvovedeniya i agrokhimii AN Azerbaydzhanskoj SSR. (Minerals in soil)

ALIKHANOV, F.N.; ARUSHANOV, N.A.; AKHUNDOV, V.Yu.; ALIZADE, M.A.; AZIZBEKOV, Sh.A.; BAGIROV, M.A.; VEZIROV, S.A.; ~~VOLOBUYEV, V.R.~~; BAKILOV, F.M.; GADZHIYEV, N.M.; GUSEYNOV, D.M.; GUSEYNOV, I.A.; DADASHEV, E.I.; DADASHZADE, M.A.; DALIN, M.A.; ISKENDEROV, M.A.; KAZIYEV, M.A.; KARAYEV, A.I.; KASHKAY, M.S.; KEL'DYSH, M.V.; KERIMOV, A.G.; IEMBERANSKIY, A.D.; MAMEDOV, G.K.; MEKHTIYEV, M.R.; MIRZOYEV, S.A.; NAGIYEV, M.F.; NESRULLAYEV, N.I.; ORUDZHEV, A.E.; RADZHAEV, R.A.; RUDNEV, K.N.; SADYKHOV, R.N.; SEMENOV, N.N.; TOPCHIYEV, A.V.; TOPCHIBASHEV, M.A.; TAIROVA, T.A.; KHALILOV, Z.I.; EFENDIYEV, G.kh.; SHUFYUROVA, Z.Z.

Iusif Geidarovich Mamedaliev; obituary. Dokl. AN Azerb. SSR 17
no.12:1123-1126 '61. (MIRA 15:2)
(Mamedaliev, Iusif Geidarovich, 1905-1961)

VOLOBUYEV, V.R.; AGAYEV, D.M., red.; DZHAFAROVA, A., red. izd-vu;
ISMAYLOV, T., tekhn. red.

[Ecological and genetic analysis of the soil cover of
Azerbaijan] Ekologo-geneticheskii analiz pochvennogo pokrova
Azerbaidzhana. Baku, Izd-vo Akad.nauk Azerbaidzhanskoi SSR,
1962. 72 p. (MIRA 15:7)
(Azerbaijan—Soils—Classification)

VOLOBUYEV, V.R., akad., red.; KEGAMYAN, V., red. izd-va; ISMAYLOV, T.,
tekhn. red.

[System of measures for land improvement through irrigation for
a fluvial alluvial cone; as exemplified in the Geokchay River
alluvial cone in the Shirvan Steppe, Azerbaijan S.S.R.] Sistema
irrigatsionno-mellorativnykh meropriyatii dlia rechnogo konusa
vynosa; na primere konusa vyrosa reki Geokchai v Shirvanskoi
stepi Azerbaidzhanskoi SSR. Baku, Izd-vo Akad. nauk Azerbaid-
zhanskoi SSR, 1962. 145 p. (MIRA 15:5)

1. Akademiya nauk Azerbaidzhanskoy SSR, Baku. Sovet po izucheniyu
proizvoditel'nykh sil.

(Kura Lowland—Irrigation)

VOLOBUYEV, V.R.

Component water of the geographical shell. Pochvovedenie no.11:
1-6 II '61. (MIRA 14:12)

1. Institut pochnovedeniya i agrokhimii AN AzSSR.
(Soil moisture) (Precipitation (Meteorology))

VOLOBUYEV, V.R.; BUYANOVSKIY, G.A.

Salt differentiation in alluvial fans. Pochvovedenie no.1:
53-60 Ja '63. (MIRA 16:2)

1. Institut pochvovedeniya i agrokhimii, Baku.
(Azerbaijan—Saline and alkali soils)

VOLOBUYEV, V.R.

Problems in qualitative evaluation of soils in Azerbaijan. Izv.AN
Azerb.SSR.Ser.biol.i med.nauk no.1:89-99 '61. (MIRA 14:6)
(Azerbaijan—Soils—Classification)

VOLOBUYEV, V.R.

Classification of Azerbaijanian soils. Izv.AN Azerb. SSR. Ser.
biol. i med.nauk no.1:3-15 '60. (MIRA 14:5)
(AZERBAIJAN--SOILS--CLASSIFICATION)

VOLOBUYEV, V.P.

PAGE 1 NON INFORMATION SCI/5-15

USSR. Glavnyye upravleniye gidrometeorologicheskoy sluzhby

Volynskiy i volynskiy rezhim poverkhnosti (Thermal and Water Regime of the Earth's Surface) Leningrad, Gidrometizdat, 1963. 191 p. Illustrations. 600 copies printed.

Sponsoring Agency: Glavnyye upravleniye gidrometeorologicheskoy sluzhby pri Sovetskom Ministre SSSR.

Eds. (Title Page): I. P. Gerasimov, Academician, M. I. Budyko, Doctor of Physics and Mathematics, and A. P. Deltsov, Doctor of Geographical Sciences; Ed.: M. M. Yemegorolovskiy, Tech. Ed.: M. I. Bryukina.

Subject: This publication is intended for geophysicists, geographers, climatologists, agronomists, and agriculturists.

CONTENTS: The seventeen articles contained in this publication represent condensed versions of reports presented at the Conference on the Heat and Water Balance of the Earth's Surface, convened by the Glavnyye Geofizicheskoye Observatoriya im. A. I. Voznyakova (Main Geophysical Observatory named after A. I. Voznyakov) in April 1959. Individual articles deal with the investigation of the thermal balance of the earth's surface, problems of the process of climate related to heat and moisture exchange, the indicators of heat and water balance in agriculture, and problems related to the effect of hydro-meteorological factors upon complex geographical processes and phenomena. No personalities are mentioned. References follow individual articles.

Uchenyye, 2. L., and Yu. L. Rauner [Institut Geografii AN SSSR -- Institute of Geography, AS USSR]. The State and the Tasks of Investigating the Heat Balance of a Forest

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Kalinin, G.P. [Tsentrallyy Institut prognozov -- Central Institute of Weather Forecasting]. General Reasons for the Investigation of Water Balance

42

Papov, O.Y., and V.I. Kurnetsov [Odeskenskiy gidrometeorologicheskyy Institut -- State Hydrometeorological Institute]. Experimental Investigation of the Elements of the Water Balance on Dry Land

40

L'vovich, M.I. [Institut Geografii, AS USSR]. Methods of Remote Investigation on the Basis of Water Balance

62

Radogorskiy, A.E. [Institut Geografii, AS USSR]. Investigation of the Water Balance of Soil

71

Galtsov, A.P. [Institut Geografii, AS USSR]. The State and the Tasks of the Studies of the Climate

82

Smirnov, K.Ye. [Glavnyy Geofizicheskyy Institut im. A.I. Voznyakova]. Basic Problems of the Theory of Climate

96

Rybakov, E.A. [Glavnyy Geofizicheskyy Institut im. A.I. Voznyakova]. Moisture Exchange in the Atmosphere

107

Card 3/5

Trofimov, M.P. [Glavnyy Geofizicheskyy Institut im. A.I. Voznyakova]. Heat Balance and the Microclimate

120

Gerasimov, A.A. [Academician, Institute of Geography, AS USSR]. The Role of Heat and Moisture Exchange in the Structure and Development of the Geographic Envelope (Mainly in the Lands of the Temperate Zone) and Their Significance in the Productivity of Agricultural Crops

126

Gerasimov, I.P. [Acad. G.S. Borzhenko, Institute of Geography, AS USSR]. Hydrothermal Factors in Soil Formation

134

Vologodskiy, V.R. [Akademik Akademiya SSSR -- AS Academy of Sciences, USSR]. Total Expenditure of Energy for Soil Formation in Relation to the Hydrothermal Conditions

162

Lavrenko, Ye. M. [Botanicheskyy Institut AN SSSR -- Botanical Institute, AS USSR]. Hydrothermal Factors and the Geography and Ecology of the Vegetation Cover

180

Borisenko, P.Y. [Central Institute of Weather Forecasting]. Water and Heat Regime of the USSR and Some Problems of Agriculture

186

VOLOBUYEV, V.R. |

Classification of soils in Azerbaijan. Izv. AN Azerb. SSR. Ser. biol.
1 med. nauk no. 3:3-16 '60. (MIRA 13:7)
(AZERBAIJAN--SOILS--CLASSIFICATION)

VOLOBUYEV, V.R.

Soil zones of Eurasia. Izv. AN SSSR, Ser. biol. no. 4:542-549
Jl-Ag '60. (MIRA 13:8)

1. Institut pochvovedeniya i agrokhimii Akademii nauk
AzerbSSR.

(SOILS—MAPS)

VOLOBUYEV, V.R.

Natural gradations in moisture content. Dokl. AN Azerb. SSR
16 no. 11:1093-1096 '60. (MIRA 14:2)

1. Institut pochvovedeniya i agrokhimii AN AzerSSR.
(Soil moistures)

VOLOBUYEV, V.R., Akademik

A month in Ghana. Vest. AN SSSR 31 no. 2:86-89 P '61.
(SIA 14:2)

1. AN Azerbaydzhanskoy SSR.
(Ghana--Soils)

VOLOBUYEV, V. R.

"Problems Of The Energy Of Soil Formation".

report submitted for the 7th Congress of International Society of Soil Science
Madison, Wisconsin, 15-23 Aug 60.

VOLOBUYEV, V.R., akademik

Interrepublic coordination meeting of Transcaucasian scientists.
Vest.AN SSSR 30 no.6:96-98 Je '60. (MIRA 13:6)

1. AN AzerSSR.
(Transcaucasia--Research)

VOLOBUYEV, Yu.M.

Results of neurotenorrhaphy on the upper extremities. Zirav. Turk.
6 no.1:21-24, Ja-F '62. (MIRA 15:4)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - dotsent Ch.B.Bayriyev)
Turkmenenskogo gosudarstvennogo meditsinskogo instituta.
(EXTREMITIES, UPPER--SURGERY) (NERVES--SURGERY)
(SUTURES) (TENDONS--SURGERY)

VOLOBUYEV, Yu. M.

VOLOBUYEV, Yu M.--"Vegetative Shifts in Appendicitis."*(Dissertation for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions.) Turkmen Medical Inst imeni I. V. Stalin, Ashkhabad, 1955

30: Knizhnaya Letopis', No. 25, 18 Jun 55

* For Degree of Candidate in Medical Sciences

VOLOBUYEV, Yu.M., kand.meditsinskikh nauk

Plastic surgery of skull defects by means of organic glass
(plexiglas). Zdrav. Turk. 4 no. 2:24-28 Mr-Apr '60.

(MIRA 13:10)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - dotsent Ch.B.
Bayriyev) Turkmenskogo gosudarstvennogo meditsinskogo instituta
im. I.V. Stalina.

(SKULL--SURGERY) (PLEXIGLAS--THERAPEUTIC USE)

VOLOBUYEV, Yu.M., kand.med.nauk

Some peculiarities of appendicitis. Zdrav. Turk. 4 no.5:33-38 S⁴⁰
'60. (MIRA 13:12)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - dotsent Ch.B.Bayriyev)
Türkmenского государственного медицинского института имени I.V.Сталина.
(APPENDICITIS)

RUSTAMOV, I.; VOLOBUYEV, Yu.M., kand.med.nauk

Influence of cervical novocaine block on the condition of rabbits
with a closed cerebrospinal wound. Zdrav. Turkm. 5 no.2:3-6 Mr-Ap
'61. (MIRA 14:5)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - dotsent Ch.B.Bayriyev)
Trukmenskogo gosudarstvennogo meditsinskogo instituta imeni I.V.Stalina.
(NOVOCAINE) (BRAIN--WOUNDS AND INJURIES)

VOLOBUYEV, Yu.M.; SOLTANOV, B.S.

Treatment of thermal burns. Zdrav. Turk. 7 no.11:8-11 N'63
(MIRA 17:3)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - dotsent Ch.B. Bayriyev) Turkmenskogo gosudarstvennogo meditsinskogo instituta i Turkmen'skoy respublikanskoy klinicheskoy bol'nitsy imeni Pirogova. (glavnyy vrach M.B. Shapiro).

VOLOBUYEV, Yu.M.

Treatment of spasmodic torticollis. Zdrav. Turk. 7 no.3:
19-21 Mr'63. (MIRA 16:6)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - dotsent Ch.B.
Biyriyev) Turkmenskogo gosudarstvennogo meditsinskogo insti-
tuta Turkmeniskoy Respublikanskoy klinicheskoy bol'nitsy imeni
N.I.Pirogova (glavnyy vrach M.B.Shapiro).
(NECK—ABNORMALITIES AND DEFORMITIES)

VOLOBUYEV, Yu.M.

Treatment of spasmodic torticollis. Zdrav. Turk. 7 no.3:
19-21 Mr'63. (MIRA 16:6)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - dotsent Ch.B.
Bayriyev) Turkmenskogo gosudarstvennogo meditsinskogo insti-
tuta Turkmenской Respublikanskoy klinicheskoy bol'nitsy imeni
N.I.Pirogova (glavnyy vrach M.B.Shapiro).
(NECK--ABNORMITIES AND DEFORMITIES)

VOLOBUYEV, Yu.M., kand.med.nauk

Torsion of part of the omentum simulating appendicitis in a patient with left-side location of the appendix. Zdrav. Turk. 5 no.6:25 N-D '61.
(MIRA 15:2)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - dotsent Ch.B.Bayriyev) Turkmenского gosudarstvennogo meditsinskogo instituta.
(APPENDIX (ANATOMY)) (OMENTUM--DISEASES)

VOLOBUYEV--ARTEMOV, M.S., professor; ARKHANGEL'SKIY, N.N., professor,
redaktor; YEGOROV, A.I., professor, redaktor; MEKRASOV, F.M.,
tekhnicheskiiy redaktor

[Lectures on problems of methods in economic geography; the
course "Introduction to economic geography".] Lektsii po vo-
prosam metodologii ekonomicheskoi geografii; kurs "Vvedenie v
ekonomicheskuiu geografiiu" Khar'kov, Izd-vo Khar'kovskogo
gos.univ. imeni A.M.Gor'kogo. Pt. 1. 1954. 179 p.
(Geography, Economic) (MLRA 9:2)

1. VOLOBUYEV-Artemov, N.S.
2. USSR (600)
4. Geography, Economic
7. Additional data on methodological principles of economic geography and on the fight against the remnants of Hettner's principles, Izv.Vses.geog.ob-va 85 no. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

VOLOBUYEVA, A. K.

✓ Laboratory investigation of the possibility of crystallizing
sugar without boiling the sirup. — Yu. M. Zhvilyanskii;
A. K. Voblayeva, and D. R. Abram. *Trudy Vsesoyuz.
Nauch.-Issledovatel. Inst. Sakhar. Prom.* 1953, No. 3, 134-
66; *Referat. Zhur., Khim.* 1955, No. 1388. — Lab. scale
tests showed the possibility of obtaining cryst. sugar by cool-
ing the sirup to 30° and seeding with a highly dispersed cryst.
mass. M. Hersh

1st and 2nd copies

PROCESSES AND PROPERTIES INDEX

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CA

Molasses from sugar factories. Yu. M. Zhvartlyanskii, A. K. Yulobnykh, N. B. Troitskii, and D. P. Abregan. *Nakharnaya Prom.* 20, No. 3, 14-21(1947).--Thorough comparative analyses of beet molasses from several beet sugar factories of U.S.S.R. A number of tables and graphs are shown. V. B. Baikov

ASS-SEA METALLURGICAL LITERATURE CLASSIFICATION

GROUPS: 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000 10100 10200 10300 10400 10500 10600 10700 10800 10900 11000 11100 11200 11300 11400 11500 11600 11700 11800 11900 12000 12100 12200 12300 12400 12500 12600 12700 12800 12900 13000 13100 13200 13300 13400 13500 13600 13700 13800 13900 14000 14100 14200 14300 14400 14500 14600 14700 14800 14900 15000 15100 15200 15300 15400 15500 15600 15700 15800 15900 16000 16100 16200 16300 16400 16500 16600 16700 16800 16900 17000 17100 17200 17300 17400 17500 17600 17700 17800 17900 18000 18100 18200 18300 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CH

COEFFICIENT OF SUPERSATURATION. Yu. M. Zhvirblyanskii, A. K. Voshchikov, and D. R. Abragam. *Sakharovye Prom.* 21, No. 6, 13-17 (1948).—The coeff. of supersatn. of impure sugar solns. depends upon the combination of nonsugars, purity, and temp. When purity is low the soln. increases, which means an increase in coeff. of supersatn. On the other hand with higher purities between 40 and 60, the presence of smaller amts. of nonsugars causes the soln. of sucrose to diminish to below 1.0. An increase of temp. raises the coeff. of supersatn. and vice versa. At lower temps the time required to reach supersatn. increases. V. B. Baikov.

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

[illegible]

CHAIKINA, O. A. (Candidate of Veterinary Sciences, All-Union Scientific Research Institute of Animal Husbandry), (VOLOBUEVA, K. A.) (Moscow Veterinary Academy).

"Aurofeed-2 in fattening of swine" ^{Volobueva, K. A.}

Veterinariya, vol. 39, no. 9, September 1962, p. 58

CHAYKINA, O.A., kand.veterin.nauk; VOLOBUYEVA, K.A.

Aureomycin preparation No. 2 for fattening pigs. Veterinariia 39
no.9:58-60 S '62. (MIRA 16:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva
(for Chaykina). 2. Moskovskaya veterinarnaya akademiya (for
Volobuyeva).

VOLOBUYEVA N.P.

RUBIN, B.A.; PEREVYAZKINA, L.M.; VOLOBUYEVA, N.P.

Oxidizing transformation of tanning agents and their relation to the
resistance of the cotton plant to wilting. Vest.Mosk.un. 7 no.12:63-
75 D '52. (MLRA 7:9)

1. Kafedra fiziologii rasteniy.
(Cotton) (Plants, Effect of tanning agents on)

OTREPL No 45

Rubin, B.A. and Volobueva, N.P. (M.V. Lomonoso Moscow State University). The activity of polyphenoloxidase of tissues of the cotton plant in connection with the plant's resistance to the fungus *Verticillium albo-atrum*, 637-8

Akademiya Nauk S.S.R., Doklady Vol. 79 No.4

SOV/110-59-5-13/25

AUTHORS: Dasoyan, M.A., Candidate of Technical Sciences and
Volobuyeva, Ye.I., Engineer

TITLE: The Influence of Electrolyte Temperature on the
Corrosion of Lead and its Alloys (Vliyaniye temperatury
elektrolita na korroziyu svintsa i yego splavov)

PERIODICAL: Vestnik elektropromyshlennosti, 1959, Nr 5, p 48 (USSR)

ABSTRACT: There is a tendency for operating temperatures and acid concentrations in lead accumulators to increase and this may be expected to lead to increased corrosion. The work that has been published on this subject relates to pure lead and 8% lead-antimony alloy, which is not a very satisfactory material. A search is now being made for more suitable materials for the positive grids of accumulators. Preliminary results show that under normal test conditions with an electrolyte specific gravity of 1.27 and temperature of 25°C, good results are obtained with alloys of lead-antimony-silver, lead-calcium-silver and lead-cadmium-silver. In addition to having good

Card 1/2

SOV/110-59-5-13/25

The Influence of Electrolyte Temperature on the Corrosion of Lead and its Alloys

resistance to corrosion under normal conditions. they have a higher hydrogen evolution potential than the normal alloys. It was accordingly decided to make corrosion tests on the alloys mentioned in the table, using acid of 1.27 specific gravity. The method of anode oxidation was used, the sample being anode-polarised for 3 to 4 weeks and weighed after removal of corrosion products. Corrosion was assessed from weight loss. The test results are tabulated and show that higher electrolyte temperatures cause accelerated corrosion of lead and ordinary lead-antimony alloy, whereas the corrosion of alloys with additions of silver, calcium and cadmium does not increase much. This should be taken into account in the design of accumulator grids for operation at higher temperatures. There is 1 table and 1 Soviet reference.

Card 2/2

VOLOBUYEVA, G.V.

Problem of chronic diseases of the parotid glands in children. Pediatrics, Moskva No.1:22-24 Jan-Feb 51.
(GIML 20:6)

1. Of the Children's Clinic of the Therapeutic Faculty (Director--Prof.N.I.Osinovskiy), Second Moscow Medical Institute imeni I.V. Stalin and of the 10th Children's Polyclinic of Moskvoretskiy Rayon (Director--Ye.I.Rabinovich), Moscow.

VOLCBUYEVA, N. F.

and RUBIN, E. A. "Activity of Polyphenoloxidases of Cotton Tissues
in Connection with the Resistance of the Plant to the Organism *Verticillium*
albo-artistum," Doklady Akademii Nauk SSSR, vol. 79, Aug. 1, 1951, pp. 637-638/
511 P444A

So: Sira SI-90-53, 15 Dec. 1953

VOLOBUYEVA, N.P.

62
Oxidative changes of the tannic substances and their relationship to the stability of cotton to wilt. B. A. Rubin, L. M. Perevyazkina, and N. P. Volobueva. *Vestnik Morsk. Univ.* 7, No. 12, Ser. ~~Fit.~~ *Fit.* 1952, No. 8, 83-86 (1952); cf. *C.A.* 45, 10314c. —Authors have studied content of tannic substances, of polyphenols, and activity of polyphenol oxidase with pyrogallol substrate. Enzyme activity is detd. manometrically with the Warburg app. They find that stable varieties of cotton can mobilize tannic substances from the leaves to the roots and that oxidative processes in the stable plants are increased. There are corresponding losses of tannic substances and sol. polyphenols from the leaves in the stable varieties. They find that wilt resistance is not due to any abs. content of tannic substances, as some previous authors have believed. Data for stable and unstable varieties, both control and infected plants, is clearly tabulated and graphed to show the plant's defensive mobilization. Tannic content increases in the infected plants at the expense of the sol. polyphenols. Authors' findings agree with previous work of Grbanov (*Izvest. Akad. Nauk S.S.S.R., Ser. Biol.*, 1940, 509-18). Previous investigation has shown oxidation products of polyphenols to be toxic for fungi. Reduced O content in the medium also helps to inhibit growth of fungi.

A. W. Daly

1ST AND 2ND GROUPS										PROCESSING AND PROPERTIES										3RD AND 4TH GROUPS									
<p><i>Ca</i></p> <p><i>28</i></p> <p>Rapid determination of nitrogen (in beet pulp) by the Kjeldahl method. L. R. Vishchinskii. <i>Soviet Sugar</i> 1956, No. 9, 44 fl. With 1 g. of beet pulp, oxidation in presence of concd. H_2SO_4 taken about 170 min., which time can be reduced by adding catalyzing substances. Thus when 5 g. of K_2SO_4, 1 g. of $CuSO_4$ and 1 g. of HgO were added it took only 20 min.; with the same chemicals but half the amt. of HgO 25 min., or with 5 g. of K_2SO_4 and 1 g. of HgO, but without $CuSO_4$, it was 35 min. With 5 g. of K_2SO_4 and 1 g. of HgO the time required was 80 min.</p> <p>R. C. A.</p>																													
<p>ASACSLA METALLURGICAL LITERATURE CLASSIFICATION</p>																													
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VOLOCHAVINOVA, L.N. (Leningrad)

Changes in the sugar curve in diphtherial intoxication following
the administration of bromine and caffeine. Pat.fiziol. i eksp.terap.
3 no.4:73-74 JI-Ag '59. (MIRA 12:12)

1. Iz kafedry patofiziologii (zav. - prof. N.T. Shutova) Leningrad-
skogo pediatricheskogo meditsinskogo instituta.
(CORYNEBACTERIUM DIPHTHERIAE)
(BLOOD SUGAR)
(BROMIDES pharmacology)
(CAFFEINE pharmacology)

VOLOCHAYEV, H-D

VOLOCHAEV, A. D.

Apparatus for the treatment of knee dislocation in tuberculous gonitis in children. Sovet med. No. 6, June 50. p. 32-3

1. Of the Yevpatoriya Central Clinical Sanatorium (Head---
N. I. Shevchenko).

GLML 19, 5, Nov., 1950

VOLOCHAYEV, F.Ya.

Formation of the pre-ore relief in the Lipetsk iron-ore region.
Mat.po geol.i pol.iskop.tsentr. raion.evrop.chasti SSSR
no.5:83-87 '62.

(Lipetsk region--Landforms) (MIRA 16:6)

AFENDUL'YEV, A.A.; PEREKHVATOV, V.K.; SHIVANOV, V.N.; VOLOCHAYEV,
I.A.; KRYLOV, A.Ya.

[Student's manual of calculations and diagrams in structural
mechanics] Posobie dlia studentov po vypolneniiu raschetno-
graficheskikh rabot po stroitel'noi mekhanike. Gor'kii,
Inzhenerno-stroitel'naya inzh. shkola im. V.P.Chkalova. Pt.2. 1964. 196 p.
(MIRA 18:2)

VOLOCHAYEV, S.D., inzh.; BUKHKALO, Ye.S., inzh.

Small M-lm sinking pump. Shakht. stroi. 5 no.7:17 JI '61.

(MIRA 15:6)

1. Krivorozhskiy gornorudnyy institut (for Volochayev).
2. Gosudarstvennyy institut po proyektirovaniyu oborudovaniya po dobyche i obogashcheniyu rud (for Bukhkalo).

(Mine pumps)

VOLOCHAYEV, S.D., inzh.; BUKHALO, Ye.S., inzh.

PMSh-15 hinged air-operated loader for sinking and deepening shafts,
Shakht. stroi. 6 no.5:14-16 My '62. (MIRA 15:7)

1. Krivorozhskiy gornorudnyy institut (for Volochayev). 2.
Gosudarstvennyy institut po proyektirovaniyu obrudovaniya po dobyche
i obogashcheniyu rud (for Bukhalo).
(Shaft sinking--Equipment and supplies)

VOLOCHAYEV, V.Ya.

Analcite streaks in "neyvit" veins as a prospecting indication
for "rezhikit" asbestos deposits. Biul. nauch.-tekhn. inform
VIMS no.2:10-11 '63. (MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo
syr'ya.

MAKAROV, M.S., dotsent; VOLOCHENKO, N.V.

Echinococcosis of the spine and a rib simulating a parasitic cyst of the right lung and the posterior mediastinum. Uch. zap. Stavr. gos. med. inst. 8:226-231. '63 (MIRA 17:7)

1. Kafedra gosital'noy khirurgii (nav. - prof. P.M. Kovalevskiy) Stavropol'skogo meditsinskogo instituta (rektor zasluzhennyy deyatel' nauki, prof. V.G. Budylin) i ortopedo-travmatologicheskoye otdeleniye 4-y gorodskoy bol'nitsy Stavropolya (glavnyy vrach A.A. Tarasova).

VOLOCHENKO, V.N., kandidat tekhnicheskikh nauk

Working out methods of testing welded crossed rod joints. Svar. proizv.
no.6:25-27 Je '55. (MIRA 8:9)
(Welding--Testing)

VOLOCHKOVA, Z.F.

An experiment in fertilizing spring and winter wheat under irrigation in the Rostov province. Doklady Vsesoyuz. Akad. Sel'skokhoz. Nauk im. V.I.Lenina 18, No.4, 16-21 '53. (MLRA 6:4)
(CA. 47 no.22:12721 '53)

1. Rostov State Selection Sta.

VOLOGHKOVA, Zinaida Fedorovna; BONDARENKO, Aleksandr Pavlovich; YAROSLAVSKAYA,
N.L., redaktor; ~~ESSKULOVA~~, M.N., tekhnicheskii redaktor

[How to use fertilizers for grain crops] Kak primeniat' udobreniia
pod zernovye kul'tury. Rostov-na-Donu, Rostovskoe kn-vo, 1955. 40 p.
(Fertilizers and manures) (MLRA 10:1)

COUNTRY : USSR
 CATEGORY : Soil Science. Organic Fertilizers. J
 ABS. JOUR. : RZhBiol., No. 3 1959, No. 10701
 AUTHOR : Volochkova, Z. F.
 INST. : Zernograd State Breeding and Selection Station
 TITLE : The Influence of Organic-Mineral Mixtures of the
 Yield of Crops.
 ORIG. PUB. : Sb. nauchn. rebot. Zernogradsk. gos. selekts. st.,
 1957, vyp. 2, 127-133
 ABSTRACT : Experiments carried out at Zernograd (Rostov' oblast')
 Breeding and Selection Station in 1951-1956 showed that
 applications, before one of the cultivations of fallow,
 of a mixture of small amounts of rotted manure (4-6 cent-
 ners to 1 hectare) and P_2O_5 (1.1-1.5 centners to 1 hectare)
 increases the yield of winter wheat as much as 20 tons of
 manure. With the separate application, the effect of
 these amounts was considerably lower. Organic-mineral
 mixture combined with the application with the seeds of
 small doses (30-50 kilograms to 1 hectare) of granular
 P_2O_5 , produced a high increase in the yield of winter wheat
 (5 centners to 1 hectare). -- O. P. Mikhaylov
 CARD: 1/1

1. VOLOCHKOVA, Z. F.
2. USSR (600)
4. Wheat - Rostov Province
7. Applying fertilizers to spring and fall wheat in irrigation farming in Rosov Province.
Dokl. Akad. sel'khoz. 18, No. 4, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Unclassified.

1. VOLOCHKOV, Z. F.
2. USSR (600)
4. Rostov Province - Wheat
7. Applying fertilizer to spring and fall wheat in irrigation farming in Rostov Province. Dokl. Akad. sel'khoz. 18, No. 4, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. VOLOCHKOVA, Z.F.
 2. USSR (600)
 4. Fertilizers and Manures
 7. Applying fertilizer to spring and fall wheat in irrigation farming in Rostov Province, Dokl.Akad.sel'khoz. 18 no. 4, 1953.
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

VOLOCHKOVA, Z. F.

Bondarenko, C. P. and Volochkova, Z. F. "Experience in using clay-gypsum mixtures to improve solonetz soils in Rostov Oblast", Sbornik nauch. rabot (Rost. gos. selekts. stantsiya) Issue 1, 1948, p. 35-51.

SO: U-2888, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

VOLOCHKOVA, Z. F.

Bondarenko, A. P. and Volochkova, Z. F. "Experience from composting manure with phosphorite", Sbornik nauch, rabot (Rost. gos. selekts. Stantsiya), Issue 1, 1948, p. 23-34, - Bibliog: 5 items.

SO: U-2688, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

VOLOCHKOVA, Z. F.

Bondarenko, A. P. and Volochkova, Z. F. "Results of tests of the effect of manure on the yield of field crops", Sbornik nauch. rabot (Rost. gos. selekts. stantsiya), Issue 1, 1948, p. 3-22.

SO: U-2888, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

KOPTEV-DVORNIKOV, V.S., doktor geol.-miner.nauk, otv. red.;
RUB, M.G., doktor geol.-miner. nauk, otv. red.;
VOLOCHKOVICH, K.L., red.

[Accessory minerals and elements as a criterium of the
comagmatic and metallogenetic specialization of magmatic
complexes] Aktsessornye mineraly i elementy kak kriterii
komagmatichnosti i metallogenicheskoi spetsializatsii
magmaticheskikh kompleksov. Moskva, Nauka, 1965. 189 p.
(MIRA 18:12)

1. Akademiya nauk SSSR. Institut geologii rudnykh mesto-
rozhdeniy, petrografii, mineralogii i geokhimii.

VOLOCHKOVICH, K.L.

Structural significance of the Tigirek-Chuya shear zone in the
Gornyy Altai.

(Altai Mountains--Geology, Structural)

VOLOCHKOVICH, K.L.

Basic geological problems of the southeastern part of the
rare-metal zone in the Gornyy Altai and the structural posi-
tion of rare-metal deposits. Krat. soob. IMGRE no.1:125-127
'60. (MIRA 17:3)

VOLOCHKOVICH, K. L.

31

PHASE I BOOK EXPLOITATION

SC7/5740

Akademiya nauk SSSR. Institut mineralogii, geokhimii i kristallografii redkikh elementov

Voprosy mineralogii, geokhimii i genezisa koncentrovannykh redkikh elementov (Problems in Mineralogy, Geochemistry, and Deposit Formation of Rare Elements) Moscow, Izd-vo AN SSSR, 1960. 253 p. (Series: Itogi Nauki i Tekhn., vyp. 4) Errata printed on the inside of back cover. 2,200 copies printed.

Chief Ed.: K. A. Vlasov, Corresponding Member, Academy of Sciences USSR;
Resp. Ed.: V. V. Lyakhovich; Ed. of Publishing House: L. S. Tarasov;
Tech. Ed.: P. S. Kashina.

PURPOSE: This book is intended for geologists, mineralogists, and petrographers.

COVERAGE: This is a collection of 23 articles on the formation, geology, mineralogy, petrography, and geochemistry of deposits of rare elements in Siberia and [Soviet] Central Asia. The distribution and characteristics of rare elements found in these areas as well as some quantitative and qualitative methods of investigating the rocks and minerals in which they are found.

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EGT/5740

Problems in Mineralogy (Cont.)

or with which they are associated, are discussed. Two articles present an economic investigation of the possibilities of industrial extraction and utilization of selenium, tellurium, and hafnium. No personalities are mentioned. Each article is accompanied by references.

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807/5740

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31

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Leksin, V. N. Prospects in the Industrial Extraction of Selenium
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AVAILABLE: Library of Congress

Card 6/6

JA/CS/ma
11-14-61

VOLOCHKOVICH, K.L.; LEONT'YEV, A.N.

Distribution of areas with Paleozoic magmatic features
in the structure of the Talitsa-Mongolo-Altaic geosynclinal
upheaval. Dokl. AN SSSR 147 no.1:177-180 N '62. (MIRA 15:11)

1. Institut mineralogii, geokhimii i kristalloghimii
redkikh elementov. Predstavleno akademikom D.I. Shcherbakovym.
(Altai Mountains--Rocks, Igneous)

VOLOCHKOVICH, K.I.

Concerning V.I. Fominskii's article "New data on the Ordovician stratigraphy of the Gornyy Altai." Sov. geol. 3 no.6:160-161 (MIRA 13:11)
Je '60.

1. Institut mineralogii, geokhimii i kristalloghimii redkikh elementov AN SSSR.

(Altai Mountains--Geology, Stratigraphic)
(Fominskii, V.I.)

VOLOCHKOVICH, K.L.

Stratigraphy and tectonics of the extreme northwestern part of
Mongolia (the area of the Tsagan-Shibetu, Kharkhira, and Saylyu-
gem Ranges). Biul. MOIP. Otd. geol. 36 no.1:3-23 Ja-F '61.
(MIRA 14:5)

(Mongolia—Geology)

DMITRIYIWA, V.K.; VOLOCHKOVICH, K.L.

Method for correlating ~~late~~ lower Paleozoic sediments in the
southeastern part of the Charysh-Terek anticlinorium in the
Gornyy Altai. Trudy VAGT no.4:92-98 '58. (MIRA 12:6)
(Altai Mountains--Geology, Stratigraphic)

LEONT'YEV, A.N.; VOLOCHKOVICH, K.L.

Characteristics of the spatial distribution of pegmatite deposits
in the Mongolian Altai anticlinorium. Trudy IMGRE no.8:5-19 '62.
(MIRA 16:1)

(Altai Mountains--Pegmatites)
(Altai Mountains--Metals, Rare and minor)

VOLOCHKOVICH, Kirill L'vovich; LEONT'YEV, Anatoliy Nikolayevich;
LEONT'YEV, L.N., doktor geol.-miner. nauk, otv. red.

[Talitsa-Mongolian-Altai metallogenic zone] Talitsko-
Mongolo-Altaiskaia metallogenicheskaiia zona. Moskva,
Nauka, 1964. 181 p. (MIRA 17:12)

BROMOVITSKIY, V. Ye.; VOLOSHKOVICH, M.A.

Preparation of foam plastic from lignin-furfurol resins. Khim.
i fiz.-khim. prirod. i sint. polim. no.1:231-233 '62
(MIRA 18:1)

VOLOCHKOVICH, N. A.

23379 Tsvetnaya Rezinovaya Smes' Dlya Obuvi Goryachey Vulkanizatsii. Legraya
Prom-st', 1949, No. 6, c. 27.

SO: LETOPIS NO. 31, 1949

Use of carbon black in plastic masses for hot
vulcanization. M. A. VOLOCHKOVICH and YA.
V. NAIMOL'SKY. *Lepkaya Prom.*, 1960, No. 3,
23; *Translated Contents Lists of Russian Periodicals*,
1960, No. 13, 34. 6811's

ACCESSION NR: AR4015703

S/0081/63/000/023/0594/0594

SOURCE: RZh. Khimiya, Abs. 23T250

AUTHOR: Bronovitskiy, V. Ye; Volochkovich, M. A.

TITLE: Production of foam plastic from lignin-furfural resin

CITED SOURCE: Sb. Fizika i khimiya prirod. i sintetich. polimerov. Vy*p. I. Tashkent, AN UzSSR, 1962, 231-233

TOPIC TAGS: foam plastic, plastic, polymer, resin, lignin, furfural, lignin furfural resin

TRANSLATION: In order to obtain foam plastic from lignin-furfural resin, dried lignin was ground for 5-6 hrs. on a ball grinder, sifted through a sieve with 900 openings/cm² and placed in an autoclave, where it was activated for 2 hrs. at 170C and 9-10 atm. with a 15% solution of NaOH (8 liters of alkali per kg of lignin). After cooling the activated lignin to 70-75C, furfural was added in a ratio of 1:4 and the mixture was placed in an autoclave (with a reflux condenser), where polycondensation was carried out at 96-100C

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ACCESSION NR: AR4015703

for 2.5-3 hrs. The resin obtained was neutralized with 20% HCl, washed with water and dried by pressing out the excess water with rollers. The resin has a black color, dissolves in alcohol and acetone, the dropping temperature according to Ubellod is 62C, moisture content $\leq 3\%$, rate of hardening of a plate at 150C ≤ 90 sec., life ≤ 2 months. Foam plastic based on lignin-furfural resin was obtained by mixing the following components (parts by wt.) for 30 minutes on water-cooled rollers: 100 lignin-furfural resin, 8 porosor ChKhZ-5 and 5 ammonium sulfate, added in that order. Foaming of the mixture was accomplished in 1-1.2 min. for 1 mm without pressing in a special hermetic mold at 150-160C. Foam plastic from lignin furfural resin has a density of 0.2-0.06 g/cc, a working temperature of 140-150C, ultimate compressive strength of 3.3 kg/cm², coefficient of thermal conductivity of 0.063 kcal/m·hour·degree, and water absorption in 20 days of 0.17 g/cm². It is noted that foam plastic from lignin-furfural resin can be used for thermal insulation in construction. L Kotlyarevskaya.

DATE ACQ: 00Jan64

SUB CODE: MT

ENCL: 00

Cord 2/2

S/117/63/000/002/002/006
A004/A101

AUTHOR: Volochkovich, Yu. G.

TITLE: Instrument for testing the microhardness of large-size cylindrical components

PERIODICAL: Mashinostroitel', no. 2, 1963, 16

TEXT: A team of scientific workers of the Laboratory of Wear Resistance of the Institut mashinovedeniya Gosudarstvennogo Komiteta Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (Institute of the Science of Machines of the State Committee for Automation and Mechanical Engineering at the Council of Ministers USSR) has developed and produced a portable device for testing the microhardness of large-size cylindrical components. The following technical specifications are given: microscope magnifying power - 485 diam., multiplying factor of one graduation on the drum of the MOB1-15 (MOV1-15) screw-type eyepiece micrometer with OM9 objective ($A = 0.65$) - 3μ , linear field of view of the microscope - 0.25 mm, free distance between lower objective cutoff and object - 1 mm, load in grams - 100, 200 and 500, instrument weight in operating condition - 6 kg, diameter

Card 1/2

Instrument for testing the microhardness of...

S/117/63/000/002/002/006
A004/A101

of rolls to be tested - 200 - 2,000 mm, minimum distance between measuring spot and roll edge - 100 mm. The author presents a brief description of the functioning of the device. The indenter tip is a diamond pyramid with a square base; the summit angle between the opposite faces is 136° . There are 3 figures.

Card 2/2

VOLOCHKOVICH, Yu.G.

Device for microhardness tests of large cylindrical parts.

Mashinostroitel' no.2:16 F '63.

(MIRA 16:3)

(Testing machines)

VOLOCHNEV, V.

New regulations for maintaining and operating streetcars and trolley buses.. Zhil.-kom.khoz. 10 no.6:11-12 '60. (MIRA 13:7)

1. Nachal'nik Upravleniya gorodskogo elektrotransporta Ministerstva kommunal'nogo khozyaystva RSFSR.
(Streetcars--Maintenance and repair)
(Trolley buses--Maintenance and repair)

VOLOCHNEV, V. CHERTOK, M.

Servicing of streetcars. Zhil.-kom. khoz. 12 no.3:24-25 Mr '62.
(MIRA 15:10)

(Streetcars--Maintenance and repair)

VOLOCHNEV, V.A.

VOLOCHNEV, V.A., mashinist; PAVLOV, F.T., byvshiy brigadir slesarey, pensioner; SHCHIPITSYN, F.G.; POLULEKH, V.K.; KRASAVIN, M.D.

Stages in the great path. Elek. i tepl. tiaga no.11:38-40 N '57.

(MIRA 10:11)

1. Elektrovozhnoye depo Zlatoust, Yuzhnyy Ural. 2. Nachal'nik elektrovoznogo depo Zlatoust, Yuzhnyy Ural (for Polulekh). 3. Glavnyy inzhener elektrovoznogo depo Zlatoust, Yuzhnyy Ural (for Krasavin). 4. Sekretar' partbyuro elektrovoznogo depo Zlatoust, Yuzhnyy Ural. (for Shchipitsyn).

(Zlatoust--Locomotives--Maintenance and repair)

(Russia--Revolution, 1917-1921)

YEFREMOV, I.S., doktor tekhn. nauk; REKITAR, R.A., inzh.;
 ROZENBERG, S.V., kand. ekon. nauk; BLATNOV, M.D., kand.
 tekhn. nauk; VIL'KONETSKIY, M.S., inzh.; TOMILIN, A.I., inzh.;
 POPELYASH, V.N., inzh.; ZAGAYNOV, N.A., kand. tekhn. nauk;
 FINKEL'SHTEYN, B.S., inzh.; MARINOV, I.A., inzh.; ISTRATOV, V.P.,
 inzh.; MARGOLIN, I.S., inzh.; ENGEL'S, G.G., inzh.; ANTONOV,
 V.A., inzh.; SOKOLOV, V.D., inzh.; KLESHCHINSKIY, B.K., inzh.;
 IL'INSKIY, A.I., retsenzent; PAPKOV, N.G., retsenzent; SMIRNOV,
 G.M., retsenzent; SHPOLYANSKIY, M.N., otv. red. toma; VOLOCHNEV,
 V.N., red.; TROFIMOV, A.N., red.; RACHEVSKAYA, M.I., red. izd-va;
 LEIYUKHIN, A.A., tekhn. red.

[Technical manual on city electric transportation in three
 volumes] Tekhnicheskii spravochnik po gorodskomu elektro-
 transportu v trekh tomakh. Redkollegiya: V.N.Volochnev, A.N.
 Trofimov, M.N.Shpolianskii. Moskva, Izd-vo M-va kommun. khoz.
 RSFSR. Vbl.1. [City electric transportation (general part)]
 Gorodskoi elektricheskii transport (obshchaya chast'). Otv.
 red. toma M.N.Shpolianskii. 1961. 726 p. (MIRA 15:4)
 (Streetcars) (Trolley buses)

MOLODYKH, Igor' Aleksandrovich; TREGUBENKO, Mikhail Grigor'yevich;
CHERTOK, Mark Semenovich; VOLOCHINOV, V.N., red.

[Manual for studying the Regulations for the Maintenance
of Trolleybuses] Posobie dlia izucheniia Pravil tekhnicheskoi
ekspluatatsii trolleibusov. Moskva, troizdat,
1964. 226 p. (MIRA 17:8)

IVIN, K.V.; MOLODYKH, I.A.; YERMAKOV, N.D. [deceased]; MARKOVNIKOV, V.L., doktor tekhn. nauk; VATSURO, M.A. [deceased]; KRUGLOVA, L.P.; STRAKHOV, K.I.; DJUL'KIN, I.A.; FATN, A.G.; RUBINSKIY, N.V.; SPISKOV, V.S.; PERKIS, D.I., kand. tekhn. nauk; LUCHAY, G.A., retsenzent; TROFIMOV, A.N., otv. red. toma; VOLOCHNEV, V.N., red.; SHPOLYANSKIY, M.N., red.; OTOCHEVA, M.A., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Technical handbook on electric city transportation in three volumes] Tekhnicheskii spravochnik po gorodskomu elektrotransportu v trekh tomakh. Redkoll.: V.N. Volochnev, A.N. Trofimov, M.N. Shpolianskii. Moskva, Izd-vo M-va Kommun. khoz. RSFSR. Vol. 3. [Trolley buses] Trolleibus. 1963. 722 p. (Trolley buses) (MIRA 16:10)

J. E. J.

Footwear

Coloured resin mixture for hot vulcanized shoes.
M. A. YIMCHIKOVICH & V. V. NIKOL'SKY. *Izvestiya*
Prod., 1910, No. 6, 27; *Translated Contents List*
of Russian Periodicals, 1919, No. 7, 31. 16121.1

1950

BONDAREVSKIY, Dmitriy Ivanovich, dotsent, kand.tekhn.nauk; YERMAKOV, Nikolay Dmitriyevich, inzh.; LIBERMAN, Grigoriy Ruvimovich, inzh.; OVECHNIKOV, Yevgeniy Vasil'yevich, kand.tekhn.nauk; GERTOK, Mark Semenovich, inzh.; SURGUCHEV, V.D., dotsent, ratsenzent [deceased]; VOLOCHNEV, V.N., otv.red.; GALOWEN, Yu.M., kand.tekhn.nauk, red.; TROFIMOV, A.N., red.; SHPOLYANSKIY, M.N., red.; NIKOLAYEVA, T.A., md.; LELYUKHIN, A.A., tekhn.red.

[Engineering handbook on city electric railroad transportation in three volumes] Tekhnicheskii spravochnik po gorodskomu elektro-transportu v trekh tomakh. Moskva, Izd-vo M-va kommun.khoz. RSFSR. Vol.2. [Streetcar transportation] Tramvai. Otv.red.V.N.Volochnev. 1960. 565 p.

(MIRA 13:7)

(Street railways)

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10

The preparation and properties of barium salts of 1,5-dinitro-2-naphthol-7-sulfonic acid. E. P. Volochneva (Moscow Med. Inst.). *J. Gen. Chem. U.S.S.R.* 19, 1537-42 (1949) (Engl. translation).-- See *C.A.* 44, 1083c.
B. L. M.

187

Preparation and properties of barium salts of 1,5-dinitro-2-naphthol-7-sulfonic acid. E. P. Yulochneva. *Zhur. Obshch. Khim.* (J. Gen. Chem.) 16, 1520-34 (1949).
The yellow Ba salt of 1,5-dinitro-2-naphthol-7-sulfonic acid forms in neutral and weakly acid solns.; its compn. is $[C_{10}H_6(NO_2)_2SO_3]_2Ba$ and it forms *triaz.*, *hexa-* and *heptahydrates*; its soly. is 0.293 g./100 ml. H_2O at 19° . The red salt forms from the alk. solns. of the yellow salt of Ca or NH_4 by addn. of $BaCl_2$ with addn. of any alkali; it is also obtained by addn. of NH_4OH to the yellow salt; the red salt is $Ba[OC_{10}H_4(NO_2)_2SO_3]$ or $Ba[OC_{10}H_4(NO_2)_2SO_3]_2$, does not form hydrates, and its soly. in H_2O is 0.083 g. at 17° ; it cannot be heated in H_2O , as the products of hydrolysis are more sol. than the salt itself. The formation of the red salt from the yellow NH_4 salt appears to proceed by intermediate formation of a mixed $Ba-NH_4$ salt and goes slowly. Although the red salt may be used for the detection of Ba, its soly. is higher than that of $BaSO_4$ and its usefulness is limited. G. M. K.

VOLOCHNEVA, E. P.

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Poluchenie I Svoystva Soley Bariya. Dinitro-(1, 5) -B-Naftolsul'fokisloty-(2, 7).
Zhurnal Obshchey Khimii, 1949, Uyp. 8 s. 1529-34.

SO: Let opis' Zhurnal'nykh Statey, Vol. 37, 1949